DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Eurotech Industries, Inc. 4201 NE 12 Terrace Fort Lauderdale, FL 33334

#### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

## **DESCRIPTION: Aluminum Outswing Entrance Door-LMI**

APPROVAL DOCUMENT: Drawing No. W04-01 Rev C, titled "Aluminum Outswing Entrance Door", sheets 1 through 5 of 5, dated 01/15/04 and last revised on FEB 01, 2012, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Limitations:

- 1. See Design Pressure capacity Single doors VS glazing types and double doors Vs water ratings in sheet 2.
- 2. Single or double doors may be mulled with approved clipped mullion or sidelites or transom (under separate approvals), lower design rating shall apply and such installation to be reviewed & approved by AHJ.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0310.05 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 12-0208.03 Expiration Date: June 10, 2014 Approval Date: May 03, 2012

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## A. DRAWINGS

- 1. Manufacturer's die drawings and sections (transferred from file # 09-0310.05)
- 2. Drawing No. W04-01 Rev C, titled "Aluminum Outswing Entrance Door", sheets 1 through 5 of 5, dated 01/15/04 and last revised on FEB 01, 2012, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- B. TESTS (transferred from file # 09-0310.05)
  - 1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
    - 3) Water Resistance Test per FBC, TAS 202-94
    - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
    - 5) Large Missile Impact Test per FBC, TAS 201-94
    - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum outswing door, prepared by Hurricane Engineering Testing Inc., Test Report No(s). **HETI- 08-2021, 08-2022, 08-2023** and **08-2024,** all dated 03/15/08, signed and sealed by Candido Font, P.E.

- 2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test per FBC, TAS 202-94
  - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
  - 5) Large Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum outswing door, prepared by Hurricane Engineering Testing Inc., Test Report No(s). **HETI- 03-1882, 08-1889, 08-18890** and **08-2024,** dated 01/15/04 thru 02/09/2004, all signed and sealed by Rafael E. Droz-Seda, P.E. (transferred from file # **08-0507.10**)

3. Tensile Test prepared by Hurricane Engineering & Testing, Test No. HETI-04-T100, dtd 01/29/04, tested per ASTM E8-01, signed & sealed by Rafael E. Droz-Seda, P.E.

## C. CALCULATIONS

- 1. Anchor verification calculations, complying with FBC 2010, prepared by Al Farooq Corporation, dated FEB 02, 2012, signed and sealed by Javad Ahmad, P.E.
- 2. Anchor Calculations and structural analysis, prepared by Al-Farooq Corp., dated 04/28/08 and last revised on 06-02-09, signed and sealed by Arshad Viqar, P.E. (transferred from file # 09-0310.05)
- 3. Glazing complies w/ ASTME-1300-02 & -04

## D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

## E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass ® Plus", expiring on 11/14/17.
- 2. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite PVB interlayer", expiring on 12/11/16.

## F. STATEMENTS

- 1. Statement letter of conformance to FBC 2010 & no financial interest, prepared by Al Farooq Corporation, dated 01/25/12, signed and sealed by Javad Ahmad, P.E.
- 2. Lab compliance as part of the above referenced test report.

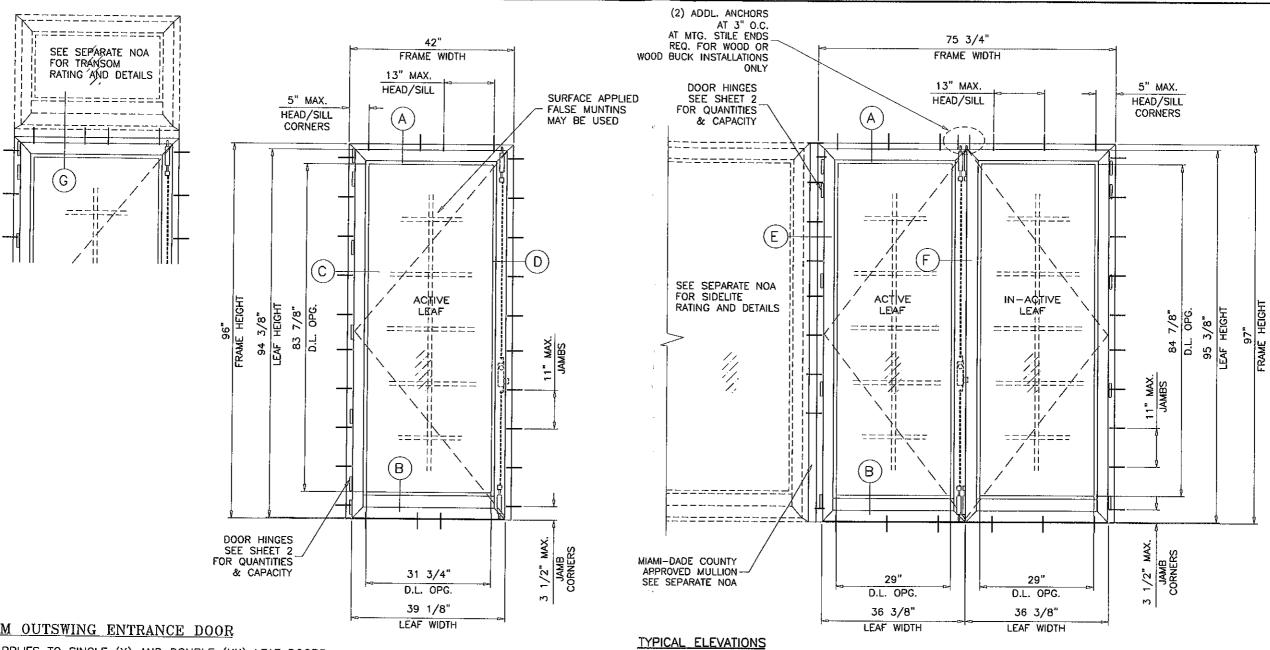
## G. OTHER

- 1. This NOA revises NOA # 09-0310.05, expiring on June 10, 2014.
- 2. Test proposal # **07-3527** approved by BCCO.

Ishaq I. Chanda

<sup>1</sup>Ishaq I. Chanda, P.E. Product Control Examiner NOA No 12-0208.03

Expiration Date: June 10, 2014 Approval Date: May 03, 2012



## ALUMINUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS. ALSO SINGLE AND DOUBLE DOORS IN COMBINATION WITH SIDELITES USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. ALSO SINGLE AND DOUBLE DOORS WITH OR WITHOUT SIDELITES IN COMBINATION WITH TRANSOMS USING MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN.

LOWER DESIGN PRESSURES FROM DOOR, SIDELITE OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

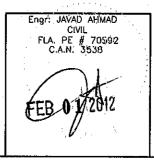
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



revisions: no date A 04.28.06 B 04.11.08 C 01.26.12
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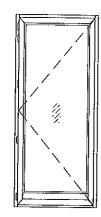
drawing no.

W04-01

sheet 1 of 5

AL-FAROOQ CORPORATION
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LUM OUTSWING ENTRANCE DOOR (L.M.I.)



DESIG	N LOAD SINGLE	CAPACITY - PSF (X) DOORS		
DOOR	SIZE	GLASS TYPE 'A'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
2/6		75.0	85.0	
3/0	6/8	75.0	85.0	
3/6		75.0	85.0	
2/6	-	75.0	85.0	
3/0	7/0	75.0	85.0	
3/6		75.0	85.0	
2/6		75.0	85.0	
3/0	8/0	75.0	85.0	
3/6		75.0	85.0	

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

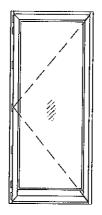
## LOCKS SINGLE DOORS:

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR. STRIKE PLATE

1-1/4" X 1/4" X 16-1/4" LONG ATTACHED WITH (2) #8 X 3/4" SMS

## HINGES SINGLE DOORS:

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (5) PER LEAF AT 6", 12", 35", 63-1/2" AND 92-1/2" FROM TOP OF DOOR



DESIG	N LOAD SINGLE	CAPACITY (X) DOOR		
DOOR	SIZE	GLASS TYPE 'B'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
2/6		100.0	140.0	
3/0	6/8	100.0	140.0	
3/3		100.0	140.0	
2/6		100.0	140.0	
3/0	7/0 8/0	100.0	140.0	
3/3		100.0	140.0	
2/6		100.0	140.0	
3/0		100.0	140.0	
3/3		100.0	140.0	

DOORS APPROVED FOR INSTALLATIONS

WHERE WATER INFILTRATION RESISTANCE

## LOCKS SINGLE DOORS:

IS REQUIRED.

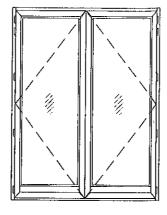
MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF ACTIVE LEAF PART #02181 ATTACHED WITH (4) #10 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

1-1/4" X 1/4" X 16-1/4" LONG ATTACHED WITH (2) #8 X 3/4" SMS

## HINGES SINGLE DOORS:

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (7) PER LEAF AT 7/0 AND 8/0 DOORS AT 3", 9" AND 26-3/8" FROM TOP AND BOTTOM, ONE AT MIDSPAN (6) PER LEAF AT 6/8 DOORS AT 3", 9" AND 26-3/8" FROM TOP AND BOTTOM



		CAPACITY - PSF (XX) DOORS		
DOOR	SIZE	GLASS TYPE 'A' OR 'B		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
5/0	6/8	75.0	75.0	
6/4	0/8	75.0	75.0	
5/0	7/0	75.0	75.0	
6/4	7/0	75.0	75.0	
5/0	8/1	75.0	75.0	
6/4	0/1	75.0	75.0	
LOADS S		OVE ARE EDI		

LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED. LIMIT EXTERIOR(+) LOADS TO 48 PSF FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

## LOCKS DOUBLE DOORS:

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF ACTIVE LEAF PART #02181 ATTACHED WITH (4) #8 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

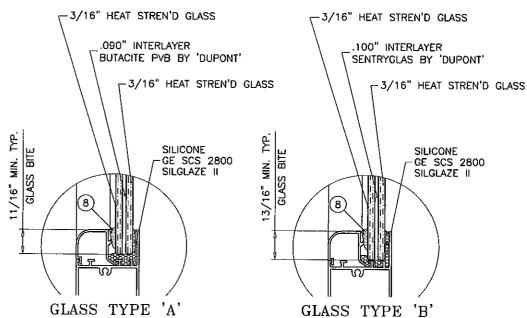
#### INACTIVE LEAF

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF INACTIVE LEAF PART #02168 ATTACHED WITH (4) #8 X 1-1/2" SMS.

#### HINGES DOUBLE DOORS:

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (5) PER LEAF AT 6", 12", 35", 63-1/2" AND 92-1/2" FROM TOP OF DOOR

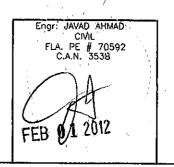
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER006	AS REQD.	DOOR FRAME	6063-T6	-
2	ER012	AS REQD.	DOOR LEAF	6063-T6	
3	VZ1566	1/ LEAF	DOOR BASE BOARD	6063-T6	-
4	VZ-1483	1/ DOOR	FRAME SILL	6063-T6	-
5	-	1/ DOOR	SILL BASE	6063-T6	
6	VZ-1481	AS REQD.	ASTRAGAL STILE	6063-T6	-
7	VZ-1535	4/ LEAF	GLAZING BEAD	6063-T6	-
8	2801	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 75±5 SHORE A
9					MONTICELLO WAIT
10	1001/50	1/ CORNER	CORNER KEY	ALUMINUM	MONTICELLO
11	00600X	4/ LEAF	HINGES	ALUMINUM	GIESSE
12	#10 X 3/8"	4/ HINGE	HINGE INSTALLATION SCREWS	_	PH MACHINE SCREWS
13	-	AS REQD.	BULB W'STRIPPING	_	_
14	#10 x 2"	AS REQD.	ASSEMBLY SCREWS		HH SELF DRILLING
15	#12 X 1-1/4	_	FRAME ASSEMBLY SCREWS	_	SMS



GLAZING OPTIONS

PHODUCT REVISED

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



AL-FAROOQ CORPORATION
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DOOR

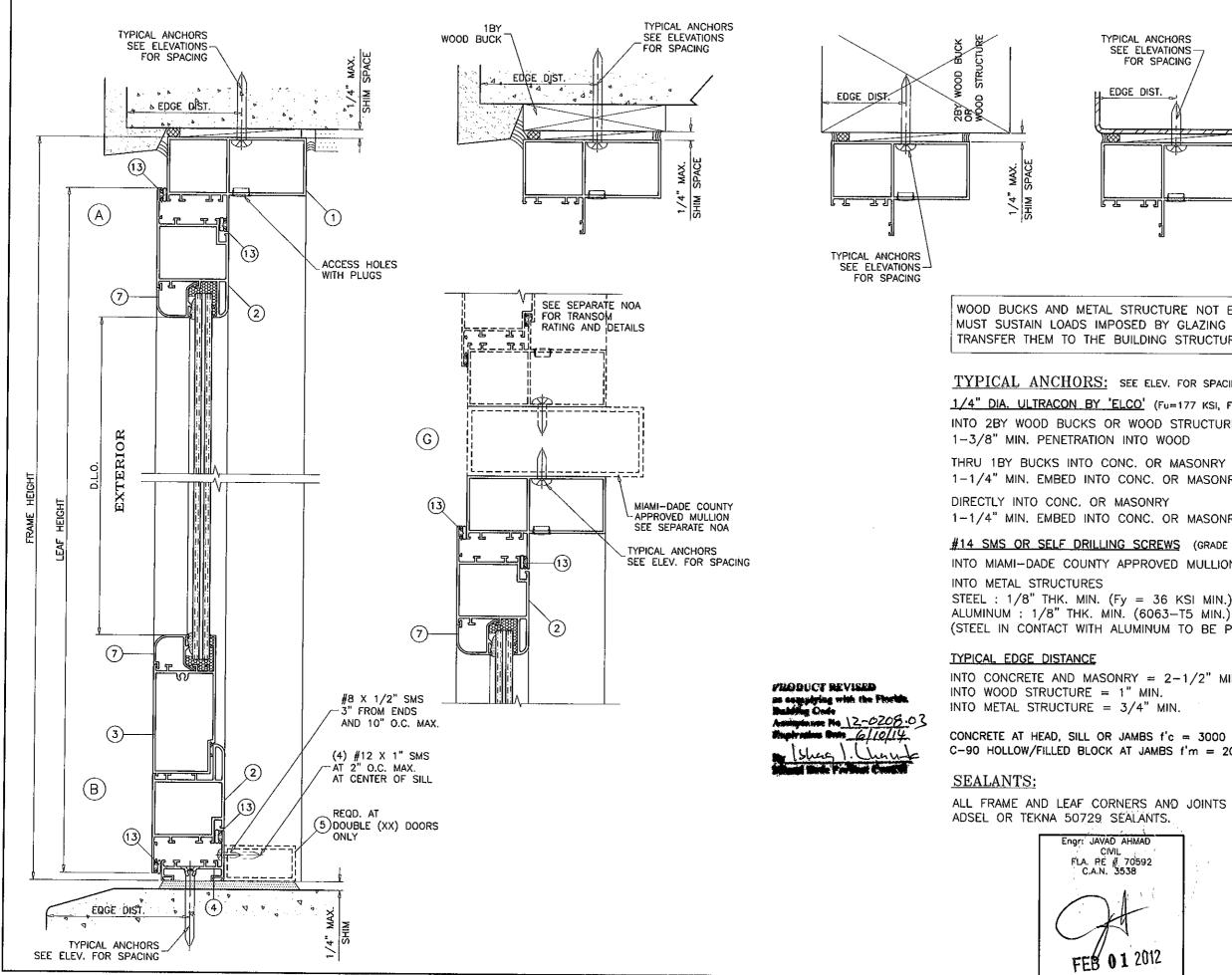
ALUM OUTSWING ENTRANCE DOC EUROTECH INDUSTRIES I 4201 N.E. 12TH TERRACE FT. LAUDERDALE, FL. 33334 TEL. (954) 630–9967 FAX. (954)

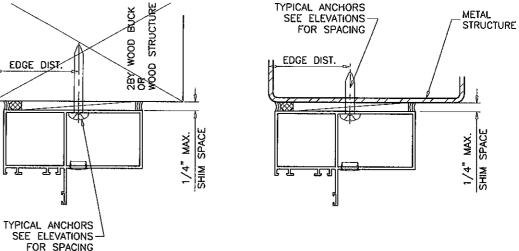
HAMID 3/8" Ä } | ₩

drawing W04-01

sheet 2 of 5

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.





WOOD BUCKS AND METAL STRUCTURE NOT BY EUROTECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS

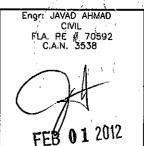
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

INTO CONCRETE AND MASONRY = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS I'm = 2000 PSI MIN.

ALL FRAME AND LEAF CORNERS AND JOINTS SEALED WITH ADSEL OR TEKNA 50729 SEALANTS.



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DOOR (L.M.I.) EUROTECH INDUSTRIES II 4201 N.E. 12TH TERRACE FT. LAUDERDALE, FL. 33334 TEL. (954) 630-9967 FAX. (954) OUTSWING

01-15-04 Ш HAMID 3/8" ģ Ą.

drawing no. W04-01

sheet 3 of 5

